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Atty. Docket No. 17383-3-2

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Date of Deposit April 14, 1998

PATENT APPLICATION
ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Sir:

Transmitted herewith for filing under 37 CFR §1.53(b) is the
[X] continuation patent application of 08/649,824,
filed May 17, 1996

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By BRAD LICK

Inventors/Applicant Identifier: MARTIN FRID-NIELSEN of Santa Cruz, California;
RICHARD LEE SCHWARTZ of Paris, France; and
STEVEN R. BOYE of Los Gatos, California

For: SYSTEM AND METHODS FOR APPOINTMENT RECONCILIATION

[X] This application claims priority from 08/649,824, filed May 17, 1996, and 07/823,567, now Patent No. 5,519,606, the disclosures of which are incorporated by reference.

Enclosed are:

- [X] 11 sheet(s) of informal drawing(s); 14 pages of specification including description, claims and abstract; [X] title page.
- [X] The prior application has been assigned to Starfish Software, Inc., Scotts Valley, California.
- [X] A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27 was filed in the prior application and small entity status is still proper and desired.
- [X] Preliminary Amendment.
- [X] A signed Declaration & Power of Attorney.
- [X] Information Disclosure Statement under 37 CFR 1.97.
- [X] Change of Correspondence Address.

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	20 -20=	* -0-
INDEP CLAIMS	3 -3=	* -0-
[] MULTIPLE DEPENDENT CLAIM PRESENTED		

* If the difference in Col. 1 is less than zero,
enter "0" in Col. 2

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0 x41=	\$ 0
+135=	\$
TOTAL	\$395

**OTHER THAN A
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RATE	FEE
	\$790
x22=	\$
x82=	\$
+270=	\$
TOTAL	\$

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APPNOFEE, 1.0M 2/27/98

Respectfully submitted,
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Attorneys for Applicants

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By BRAD FICK

PATENT

Attorney Docket No. 17383-3-2
SF/0006.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	
MARTIN FRID-NIELSEN ET AL.)	Examiner:
Serial No.: --Unknown--)	Art Unit:
Filed: --Herewith--)	
For: SYSTEM AND METHODS FOR)	<u>CHANGE OF CORRESPONDENCE</u>
APPOINTMENT RECONCILIATION))	<u>ADDRESS</u>

Asst. Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned, David N. Slone, one of the attorneys/agents named on the Declaration and Power of Attorney to act on behalf of the inventors, requests that correspondence for the referenced application be directed to:

David N. Slone, Esq.
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Respectfully submitted,

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STA3-2.ADD

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By

BRAD FICK

PATENT

Attorney Docket No. 17383-3-2
SF/0006.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
MARTIN FRID-NIELSEN ET AL.) Examiner:
Serial No.: --Unknown--) Art Unit:
Filed: --Herewith--)
For: SYSTEM AND METHODS FOR) PRELIMINARY AMENDMENT
APPOINTMENT RECONCILIATION)

Asst. Commissioner for Patents
Washington, D.C. 20231

Sir:

Before examination on the merits, please amend the referenced application as follows:

IN THE SPECIFICATION:

Please amend the specification by inserting before BACKGROUND OF THE INVENTION the following cross-reference:

--CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims priority from, and is a continuation of 08/649,824, filed May 17, 1996, which is a continuation of 07/823,567, filed January 21, 1992, now Patent No. 5,519,606, the disclosures of which are hereby incorporated by reference.--

On the cover page, line 5, after "Martin Frid-Nielsen," please insert --, Richard Lee Schwartz and --.

IN THE CLAIMS:

Please add claim 2 as follows:

1 --2. A computer-implemented method for synchronizing
2 information between two data sets, the method comprising:
3 receiving a request to synchronize information between
4 a first data set and a second data set;
5 detecting a difference between the first data set and
6 the second data set which prevents synchronization being
7 performed directly on those two data sets;
8 based on the detected difference, creating a first
9 derived data set and a second derived data set suitable for
10 synchronizing information between the first and second data sets,
11 by
12 determining a data set format suitable for
13 synchronizing information between the two data sets, and
14 based on the determined data set format, mapping
15 information from the first data set into the first derived
16 data set and mapping information from the second data set
17 into the second derived data set; and
18 synchronizing information between the first and second
19 data sets by
20 synchronizing information between the first and second
21 derived data sets, and
22 selectively copying information from the first derived
23 data set into the first data set and selectively copying
24 information from the second derived data set into the second
25 data set.--

REMARKS

Claims 1 and 2 are pending in this application. New claim 2 is drawn from the specification and drawings in the original application and is not believed to add new matter.

The amendment adding inventor RICHARD LEE SCHWARTZ is made pursuant to a Petition for Correction of Inventorship and

Special Program Examiner's response in the grandparent application, 07/823,567, now U.S. Patent No. 5,519,606.

Applicants' attorney can be reached at (650) 326-2400.

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15274\3-2.AMO

PATENT APPLICATION

SYSTEM AND METHODS FOR APPOINTMENT RECONCILIATION

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SYSTEM AND METHODS FOR
APPOINTMENT RECONCILIATION

BACKGROUND OF THE INVENTION

The present invention relates generally to the area of information processing and, more particularly, to apparatus and methods for reconciling ordinal information, especially time-based information.

Successful management of one's time is a goal that every successful professional must achieve. One's business day may be swept away in a deluge of meetings and appointments, all of which must be somehow managed. An attempt to manage this task on paper, such as with a simple wall calendar, is unworkable for all but the simplest of schedules. More likely, such unsophisticated aids to managing one's time will lead to scheduling conflicts, missed appointments, botched deadlines, and angry clients.

The first allies that professionals discovered were portable organizers, such as the Daytime™ or the Lafax™. However, an increasing number are discovering the power of personal computers for managing appointments. Several scheduling packages are available for the PC. While not as portable as paper organizers, scheduling packages offer increased flexibility in other areas. For example, one may view his or her schedule from a variety of views -- by month, week, day, or priority -- and attach detailed notes to appointments. Additional options available include the ability to automatically schedule a meeting for the first Monday of every other month, or display horizontal bars which graphically represent one's weekly schedule, so that free time can be quickly pinpointed. Other options include the ability to easily edit an entry, and set alarms as a reminder of important appointments.

With ever increasing emphasis on miniaturization and portability, several of the features of scheduling packages may now be found in handheld information processing devices, such

as the Sharp Wizard™ or the Casio BOSS™. Being roughly the size of a handheld calculator, these electronic organizers are often carried when one is away from the office. As a tradeoff for portability, however, these devices typically forego several of the more desirable features found on desktop personal computers (e.g., full color graphics display). As a result, it is common for a professional to employ a personal computer to manage his or her time, yet carry a portable organizer when he or she is away from the office. Upon returning to the office, the information in the personal computer is then updated with the new information in the portable organizer.

Updating or reconciling two sets of information, whether between a PC and an organizer, or between two computers joined by a communication network, has never been easy. The reconciliation of scheduling information has been particularly difficult. Not only must one take into account when an event occurs, but one must also account for the duration of the event. While prior art organizers and scheduling packages are very useful for managing one's own schedule, they have thus far been inadequate for resolving two or more schedules. As a result, a user who wishes to reconcile two different schedules must rely on awkward data entry techniques to achieve the reconciliation.

What is needed is a system which allows a user of an information processing device to readily reconcile two or more schedules, or other time-based lists. The present invention fulfills this and other needs.

SUMMARY OF THE INVENTION

Computers have found a variety of applications for the management of one's time, including tracking meetings and appointments. With increased availability of portable information processing devices, many of the scheduling features found on personal computers are now available with handheld electronic organizers. Because handheld organizers sacrifice features for portability, professionals will often manage their time at the office with a personal computer, reserving the

portable for when they are away. Upon returning to the office, however, one must reconcile the information stored in the portable with that already present in the personal computer.

According to the present invention, therefore, a method for reconciling two sets of information on an information processing system includes loading both sets of data, detecting the current date, building a new list for each set of data, synchronizing the lists (typically, according to time), and displaying the synchronized lists.

Upon display of the synchronized lists, the user may employ any of a variety of interface techniques for transferring information between the two synchronized lists. For example, the user may pick and choose from the two lists, as desired, including the deletion of undesirable entries. In addition, the information may be prioritized; for example, one list -- the "master" -- may always be given priority over another list. Alternatively, information may be prioritized according to level (e.g., "high", "medium", "low") when it is entered (or any time thereafter). Upon completion of the reconciliation between the synchronized lists, the parent tables from which the information originated are respectively updated.

A system for processing multiple schedules, constructed in accordance with the principle of the present invention, includes an information processing system having a memory and a processor; an input device, such as a keyboard, for entering user information; a display device for showing scheduling information; an interface for sending and/or receiving information from another source; and means for reconciling two schedules by building synchronized lists, from which the user may effect a reconciliation.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a block diagram of a computer system in which the present invention may be embodied.

Fig. 2 represents a display window of the present invention for entering and processing schedule information.

Figs. 3A-B illustrate two schedules, one from a laptop, the other from a desktop, which require reconciliation.

Fig. 3C represents a display window for reconciling two schedules.

5 Figs. 3D-G represent the user directed process (and screen feedback) for reconciling the two schedules of Figs. 3A-B.

Fig. 4A is a flowchart of the reconciliation method of the present invention.

10 Fig. 4B is a flowchart of the synchronizing step of the present invention.

Fig. 5B illustrates the synchronization of two tables or sets of information.

15 Fig. 6 is a display screen view showing a technique for changing the color of one or more selected screen objects in accordance with the present invention.

Fig. 7 is a flowchart of a method of the present invention for recoloring screen objects.

20 DETAILED DESCRIPTION

The present invention may be embodied on an information processing system such as the system 100 of Fig. 1 which comprises a central processor 101, a main memory 102, an I/O controller 103, a keyboard 104, a pointing device 105 (e.g., mouse), a screen or display device 106, a mass storage 107, (e.g., hard disk), a printing device 108, and an interface 109. The various components of the system 100 communicate through a system bus 110 or a similar architecture. In addition, the system 100 may communicate with other devices through the interface or communication port 109, which may be an RS-232 serial port or the like. Devices which will be commonly connected to the interface 109 include a network 151 (e.g., LANs), a laptop computer 152, an organizer 154 (e.g., Sharp Wizard™), a modem 153, and the like.

35 In operation, the user enters commands through the keyboard 104 and/or pointing device 105 which is typically a mouse, a track ball, or the like. The computer system displays text and/or graphic images and other data on the display device

106, such as a cathode-ray tube or an LCD display. A hard copy of the displayed information, or other information within the system 100, may be obtained from the printing device 108. In a preferred embodiment, the computer system 100 is an
 5 appropriately programmed is an IBM PC-compatible personal computer (available from a variety of vendors, including IBM of Armonk, New York) running MS-DOS (available from Microsoft Corporation of Redmond, Washington).

In this interactive computer system, the user enters
 10 scheduling and other time information with the keyboard 104 and/or pointing device 105. Alternative sources of information are available through the interface 109. Once entered, the information is stored in the memory 102 where it may be analyzed by processor 101. After appropriate formatting, the
 15 information is conveyed to the user by the display device 106 and/or printing device 108. The information may be saved for future use by storing it in the mass storage 107.

As shown in Fig. 2, the system 100 provides a window or work space 200 for display on the screen 106. Window 200 is a rectangular, graphical user interface for viewing and
 20 manipulating textual and graphical information. Window 200 contains a main menu 210 with a plurality of submenus, such as a "planner" submenu 230. From the submenus, the user may select a desired choice with the keyboard 104 or the pointing
 25 device 105. Of particular interest to the present invention is the "reconcile" item, which is available from the submenu 230.

Window 200 also includes a client area 220 for the display of time and scheduling information. Client area 220 may be partitioned into individual modules of information, such
 30 as the scheduling window 240 and the to-do list window 250. Additional information may be viewed in the windows 240, 250 by activating scroll bars 245 and 255, respectively. Window 200 also includes a plurality of other work surfaces (e.g., such as a communication module) which are accessible by selecting an
 35 appropriate tab 260 with the keyboard or pointing device.

Within the window 240, a plurality of fields is available for the display of scheduling information. For example, field 242 is a text field for indicating the nature of

the scheduling event. Field 241, on the other hand, lists the start time associated with the event. As shown, field 241 lists start time at a user-selected interval, e.g., thirty minutes; in addition, irregular start times (those not falling exactly on the defined intervals) are also accommodated. Additional screen indicia, such as screen icons, colors, or particular fonts, may be employed to convey additional information, such as the setting of an alarm for an event.

10 **Reconciling Schedules: User Interface**

The following description will focus on the reconciliation of disparate scheduling information. The present invention is, however, not limited to such a specific application but, instead, may be applied advantageously to reconcile a variety of table or set-oriented information, particularly that which is temporal in nature. Thus, the following is offered for purposes of illustration and not limitation.

Referring now to Figs. 3A-F, the reconciliation of information in accordance with the present invention is illustrated. With particular reference to Figs. 3A-B, a first set of information 301 is to be reconciled with a second set of information 302. Information 301 will typically be accumulated independent (i.e., separate) from the information 302. For example, information 301 may represent scheduling information which has been entered on a portable device, such as a laptop computer 152 or a handheld organizer 154. Alternatively, each set of information may be accumulated and stored on a network 151, but at separate nodes (e.g., set 301 being a secretary's copy of a schedule, and set 302 being an executive's corresponding copy). Regardless of origin, the sets will share a common format (or be translatable into a common format) but, typically, will differ as to the exact information content shared between them.

As shown in Fig. 3A, information set 301 includes a plurality of events 305, denoted by appropriate indicia such as textual messages. Displayed proximate each event message is a time 306, representing the start time for the event. In

operation, a user will typically specify the "granularity" (i.e., the interval) for displaying event information. In information table 301, for example, the granularity has been set equal to thirty minutes. In this manner, table 301 is displayed as a plurality of time slots, each slot spaced at a thirty minute interval. In addition to specifying a time interval, the user will typically select a starting and stopping time for each day. A typical value for a starting time would be 8:00 a.m., while a typical value for a stopping or ending time would be 6:00 p.m.

In addition to displaying textual messages and units of time, additional screen feedback 304 is provided. As shown, screen feedback 304 may include graphic symbols or textual messages to convey further information. For example, a musical note may be displayed to indicate that an alarm will be sounded when the event occurs. The letter "R" may be displayed proximate a time value to indicate that the event is a repeating event. In a similar manner, the duration of an event may be conveyed by illustrating a line from the start time of the event to its ending time (determined from the specified duration). As shown, events may overlap one another, whereby the duration lines are drawn in an overlapping fashion.

A corresponding set of information 302 is shown in Fig. 3B. Set or table 302 employs the same or similar format as that just described for set 301. As shown, however, specific differences exist between the two tables 301, 302. In particular, set 301 employs a coarser level of granularity (sixty minutes) than that chosen for set 301. Furthermore, the events stored in set 302 are different than those stored in set 301, with some events even being in direct conflict. As illustrated by time slot 307, the start time for an event can be irregular (i.e., not correspond exactly with the predefined time slot).

The actual reconciliation is accomplished as follows. The user requests reconciliation, for example, by selecting the "reconcile" option from the submenu 230 (of Fig. 1). As shown in Fig. 3C, the two tables 301, 302 are loaded into a reconciliation window 300, which is displayed on the screen

106. In particular, table 301 is displayed in client area 301', while table 302 is displayed in client area 302'. As illustrated, the two tables have been synchronized to facilitate reconciliation by the user. In this case, table 302 (which originally had a granularity of sixty minutes) is now displayed with the same granularity as table 301.

This "synchronizing" process allows the user to better visualize the reconciliation, thus improving his or her ability to resolve any conflicts (in those cases where automatic conflict resolution, such as based on priority, has not been enabled). Employing a user interface element, such as an insertion arrow 330, the user may readily transfer events from one list to another by selectively specifying the desired event and the direction of insertion. The user may also globally insert one list into another, as desired.

In addition to reconciling scheduling information, the user may reconcile a list of priorities, such as a "to do" list. While not shown, each to do event may include a due date, a priority level, as well as any other desired information. In a manner similar to that for reconciling scheduling information, the to do lists of client areas 341, 342 may be reconciled, for example by synchronizing corresponding due dates.

Referring to Figs. 3D-G, a "point-and-shoot" technique for reconciling the schedules 301, 302 is illustrated. Fig. 3D represents the display of the synchronized tables just before reconciliation of the first event. In this example, the user wishes to copy the 8:00 a.m. appointment from the desktop to the laptop. Thus, the insertion arrow 330 is positioned in the 8:00 a.m. time slot (e.g., by pressing appropriate cursor keys on the keyboard 104). Also at this point, the user has specified (e.g., with the keyboard or the mouse) that the laptop information table will be the recipient table. Next, the event is inserted in the recipient table in response to a user event, such as pressing a function key or clicking a mouse button.

Various masks may be applied by the system 100 at this point to block the reconciliation between selected fields.

For example, the recipient table (e.g., that of an executive) may mask a lunch period so that an updating table (e.g., from a secretary) cannot assert entries into those blocked fields. In a similar manner, a priority event in one table may mask those time slots covered by its duration so that events from another table may not be inserted thereat.

As shown in Fig. 3E, the 8:00 a.m. time entry has been reconciled between the two lists and is, therefore, no longer highlighted (bold font) as an unreconciled event. Also showing in Fig. 3E, the user has selected the 10:00 a.m. event of the desktop for insertion into a corresponding time slot in the laptop schedule. Since an event is already scheduled in this timeslot (i.e., it conflicts), the system 100 generates a duplicate 10:00 a.m. field. In this manner, the user may reconcile events which not only overlap in duration but also conflict as to start time. Alternatively, the user may specify that an event is exclusive -- cannot overlap with other events -- and therefore will not be reconciled in the manner just described.

The completed operation of the previously described reconciliation step is shown in Fig. 3F. In particular, the 10:00 a.m. event from the desktop schedule has been copied to the corresponding time slot on the laptop schedule. Also shown in Fig. 3F, the user may reverse the direction of reconciliation (indicated by the direction of the insertion arrow) such that events are inserted from the laptop schedule into the desktop schedule. In this case, the 8:30 a.m. appointment from the laptop schedule is inserted into the desktop schedule.

The completion of this step is shown in Fig. 3G, where the desktop schedule now includes the 8:30 event from the laptop schedule. The user may continue this process as desired, including editing and deleting selected events.

35 Reconciliation of Schedules: Internal Operations

Referring now to Figs. 4A-B, a method according to the present invention for reconciling two or more sets of information is illustrated. The steps for the reconcile method

400 are as follows. In step 401, the two tables or sets of information to be reconciled (T1 and T2) are loaded into the system (e.g., from mass storage 107, organizer 154, network 151, or the like). The formatting and storing of information into sets or database tables is known in the art; see e.g., Date, C.J., *An Introduction to Database Systems*, volumes I and II, Addison Wesley, 1983; the disclosure of which is hereby incorporated by reference. At this point, the system may (optionally) verify user access, for example, by checking passwords.

At step 403, the "current" date is retrieved. The current date is not necessarily the same as the system date, which is automatically tracked by the system 100. Instead, the current date is the date of interest to the user. In particular, the user may toggle through various days, both past and present. As an example, Fig. 2 includes a current date of Wednesday, October 23. In step 404, a derivative or child table is built for tables T1 and T2. Moreover, in step 405 the newly created child tables or lists are synchronized (e.g., according to time slots).

The step of synchronizing the tables, step 405, is illustrated in further detail by Fig. 4B and Fig. 5. The substeps are as follows. In step 451, the starting time and ending time for tables T1 and T2 are obtained. This will determine the maximum range of time which must be covered by the synchronizing tables. For example, if one table has a range from 7:00 a.m. to 4:00 p.m., while another has a range from 9:00 a.m. to 5:00 p.m., then the synchronizing tables must cover a range from 7:00 a.m. to 5:00 p.m. In a similar manner, the granularity for the parent tables T1 and T2 are obtained in step 452. This information is used to establish common time slots between the two synchronizing tables. For example, schedule table 301 and schedule table 302 (from Figs. 3A-B) have the interval of thirty minutes as a common denominator (finest level of granularity). Accordingly, the synchronizing tables will employ this determined granularity. In step 453, entries are "padded out" (i.e., receive null values or whitespace characters) for time slots which must be added to

effect the synchronization. As shown in Fig. 5, for example, the child table T2' has four time slots padded between its first event (8:00 a.m.) and its second event (10:00 a.m.). Similar padding for other time slots is likewise illustrated.

5 Upon completion of step 453, the lists are analyzed to match up common time slots. For example, the 8:30 a.m. time slot of T1' is aligned with the 8:30 a.m. time slot of T2'. Also at this step, any automated reconciliation, (e.g., insertion of non-conflicting events) may be performed.

10 After completion of step 454, the method returns to step 406 to display the synchronized lists. Next, in step 407, the system enters an event loop to process user events, such as keyboard or mouse events. During this loop, the user may execute any of the previously described reconciliation
15 activities (e.g., insertion, deletion, editing, and the like). User events are repeatedly interpreted until the user indicates that he or she is finished (at step 408). Upon completion of the reconciliation, the parent tables T1 and T2 are updated from T1' and T2', respectively.

20 Recoloring Screen Objects

Referring now to Fig. 6, a technique for changing the screen colors (or other attributes) of screen objects in accordance with the present invention is illustrated. Using
25 the keyboard 401 or the pointing device 105, the user selects a screen object. As shown, the user has created a selection box 601 by dragging a mouse cursor 602 (i.e., moving a mouse device with one button continually depressed). The sample block so selected is then copied into a recolor palette dialog box 600.
30 At this point, the user may adjust the palette for the particular object in sample box 610, for example by activating foreground 615 and/or background 620 controls. Simultaneous with the operation of controls 615, 620, the sample window 610 is updated with new palette values, accordingly. In this
35 manner, the user may isolate specific screen regions or objects and experiment with different attributes, such as palette, without altering the underlying work surface. Unlike prior

techniques, however, the user may actually preview the change as applied to the object of interest.

Referring now to Fig. 7, a method for recoloring screen regions or objects is illustrated. In step 701, the user enters a palette or recoloring mode, for example by pressing a predefined function key. In step 702, the recoloring dialog box 600 may be displayed; alternatively, the display of the dialog box may be deferred until after step 703. In step 703, the user specifies a region or object of interest. Typically, the user will employ a screen cursor (mouse pointer) to indicate a region of interest. The user may indicate a single point, in which case a default boundary is selected; or, the user may specify an area with two points, such as a bounding box. In step 704, the display dialog box 600 is shown on the screen (if not displayed already). In step 705, the user-specified region is retrieved into the sample box 610. For character-based user interfaces, the appropriate screen buffer may be copied. For graphical user interfaces, such as Microsoft's Windows™, a captured bitmap may be shown. In step 706, the user selects new colors, for example using scroll bar components 615, 620. Contemporaneous with this step, the sample is updated with new palette or color values. In step 708, if additional colors are desired, the method loops back to step 706; otherwise, the method continues on to the next step. At step 709, the user may select another region or object for recoloring, in which case the method loops back to step 703. The dialog box 600 may be moved or hidden (for example, by sending window move or window destroy commands), and then later redisplayed in step 704.

While the invention is described in some detail with specific reference to a single preferred embodiment and certain alternatives, there is no intent to limit the invention to that particular embodiment or those specific alternatives. The true scope of the invention is defined not by the foregoing description but by the following claims.

WHAT IS CLAIMED IS:

1. A system for processing reconciling information comprises:

- 5 an information processing system having a memory and a processor;

means for entering first ordinal information and second ordinal information, each of said information including an ordinal interval; and

- 10 means for reconciling said first information and said second ordinal information by constructing at least one list having a selected one of the ordinal intervals.

SYSTEM AND METHODS FOR APPOINTMENT RECONCILIATION

ABSTRACT OF THE DISCLOSURE

5 A system for processing multiple schedules,
constructed in accordance with the principle of the present
invention, includes an information processing system having a
memory and a processor; an input device for entering user
information; a display device for showing scheduling
10 information; an interface for sending and/or receiving
information from another source; and means for reconciling two
schedules by building synchronized lists, from which the user
may effect a reconciliation.

15

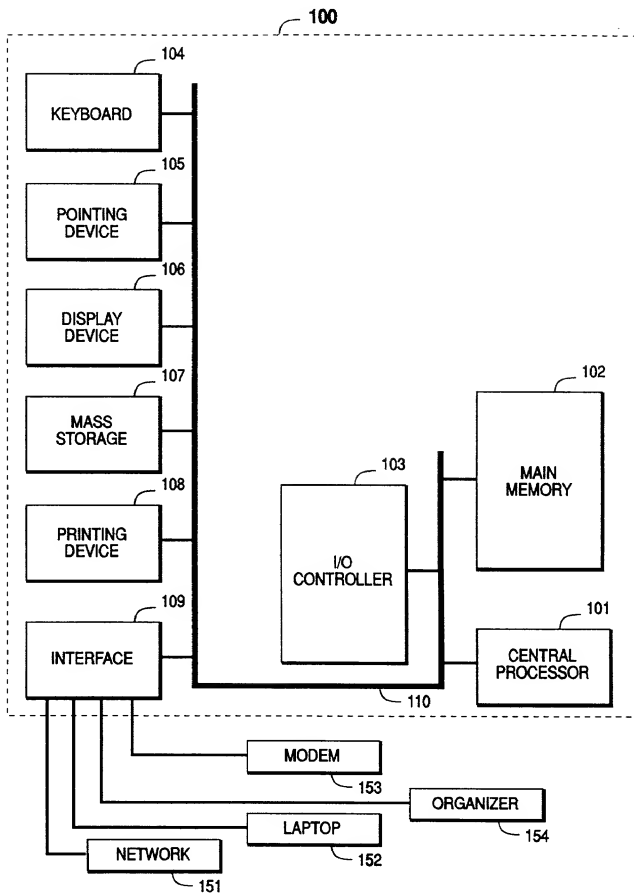


FIG. 1

200

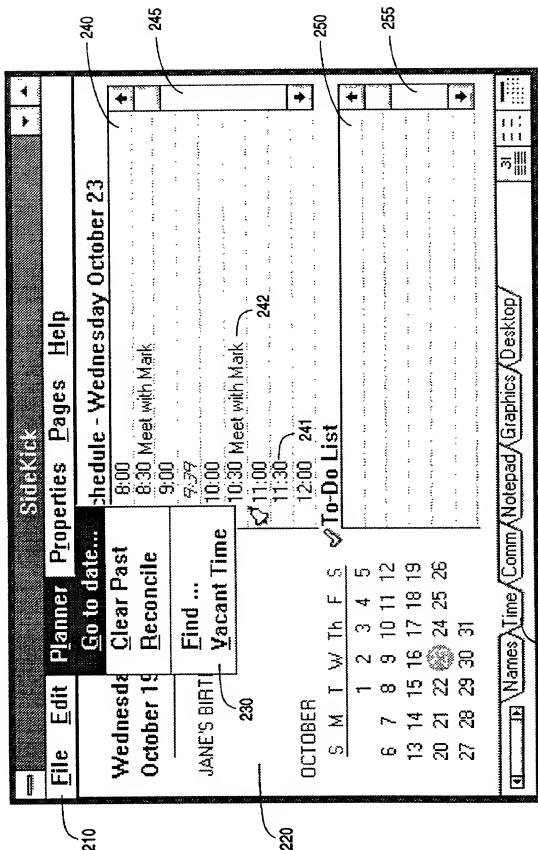


FIG. 2

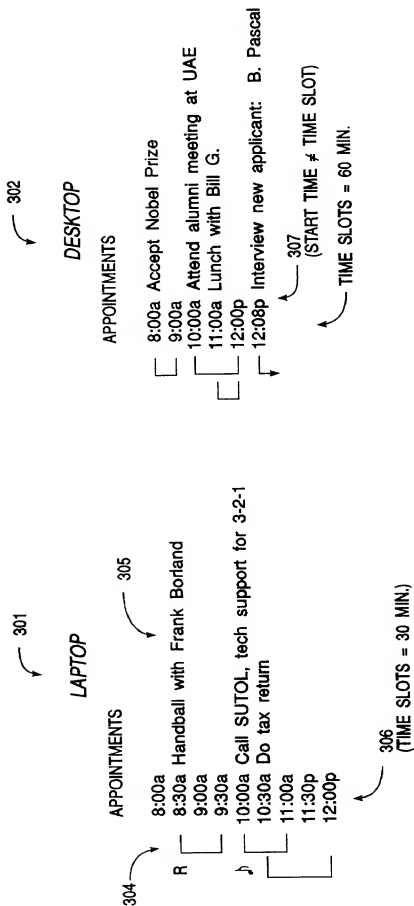


FIG. 3B

FIG. 3A

301'

LAPTOP

APPOINTMENTS

8:00a []

8:30a Handball with Frank Borland

9:00a []

9:30a []

10:00a Call SUTOL, tech support for 3-2-1

10:30a []

10:30a Do tax return

11:00a []

11:30p []

12:00p []

12:08p []

330

↓

DESKTOP

APPOINTMENTS

8:00a Accept Nobel Prize

8:30a []

9:00a []

9:30a []

10:00a Attend alumni meeting at UAE

10:30a []

11:00a Lunch with Bill G.

11:30a []

12:00p []

12:08p Interview new applicant: B. Pascal

TODO LIST

Replace 3-2-1 with QPro

Check on Bill's Porsche

TODO LIST

Give SDK to G. Will

Make hotel reservation for Perrysberg

Buy Fox for wife

Ok

Cancel

302'

341

342

FIG. 3C

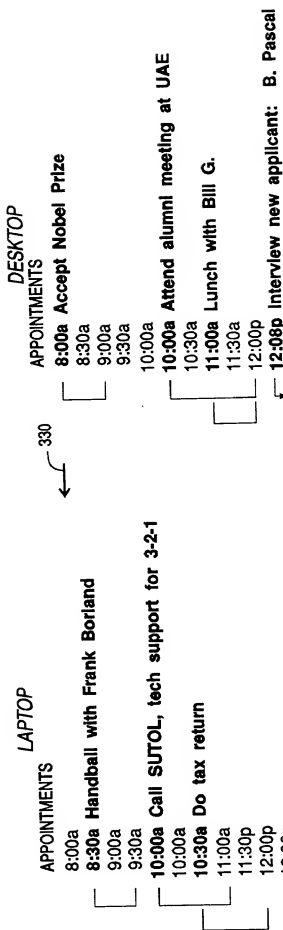


FIG. 3D

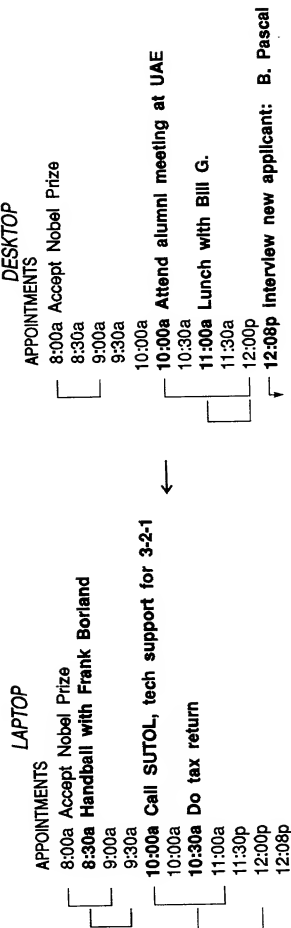


FIG. 3E

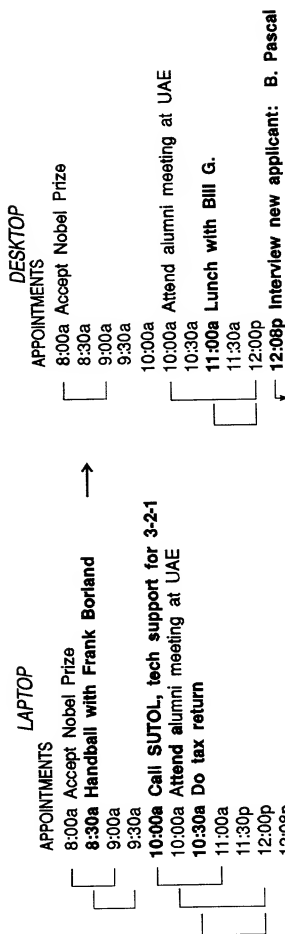


FIG. 3F

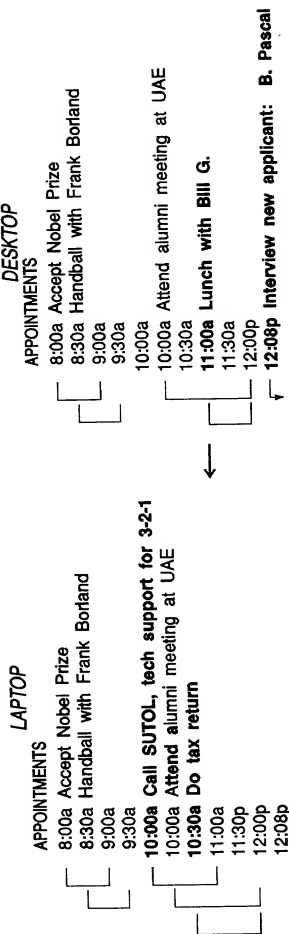


FIG. 3G

400

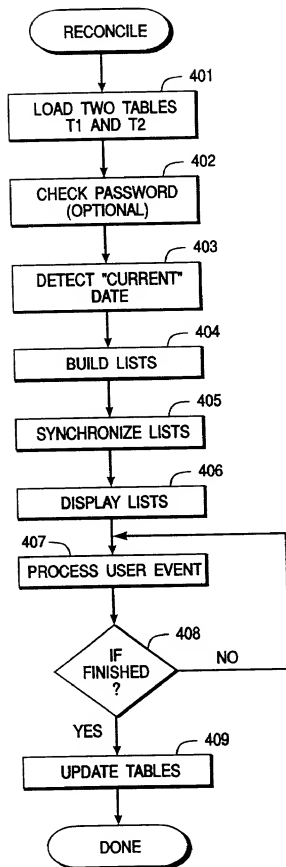


FIG. 4A

405

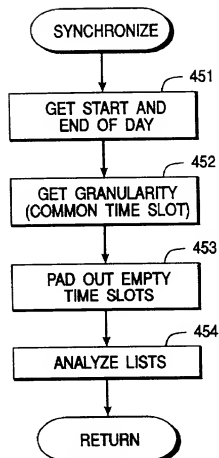


FIG. 4B

T2

TIME	DURATION	TEXT
8:00a	60 MIN.	Accept Nobel ...
10:00a	120 MIN.	Attend alumni ...
11:00a	60 MIN.	Lunch with Bill ...
12:08a	39 MIN.	Interview new applicant ...
...

T2'

TIME	DURATION	TEXT
8:00a	60 MIN.	Accept Nobel ...
8:30a	0 MIN.	
9:00a	0 MIN.	
9:30a	0 MIN.	
10:00a	0 MIN.	
10:00a	120 MIN.	Attend alumni meeting ...
10:30a	0 MIN.	
11:00a	60 MIN.	Lunch with Bill ...
11:30a	0 MIN.	
12:00p	0 MIN.	
12:08a	39 MIN.	Interview new applicant ...
...

T1

TIME	DURATION	TEXT
8:30a	60 MIN.	Handball with ...
10:00a	60 MIN.	Call SUTOL ...
10:30a	90 MIN.	Do tax return
...

T1'

TIME	DURATION	TEXT
8:00a	0 MIN.	
8:30a	60 MIN.	Handball with ...
9:00a	0 MIN.	
9:30a	0 MIN.	
10:00a	60 MIN.	Call SUTOL ...
10:00a	0 MIN.	
10:30a	90 MIN.	Do tax return
11:00a	0 MIN.	
11:30a	0 MIN.	
12:00p	0 MIN.	
12:08a	0 MIN.	
...

FIG. 5

Reconciliation	
<p>LAPTOP</p> <p>APPOINTMENTS</p> <p>8:00a Handball with Frank Borland</p> <p>9:00a</p> <p>9:30a</p> <p>10:00a Call SUTOL, tech support for 3-2-</p> <p>10:00a</p> <p>10:30a Do tax return</p> <p>11:00a</p> <p>11:30p</p> <p>12:00p</p> <p>12:08p</p>	<p>DESKTOP</p> <p>APPOINTMENTS</p> <p>8:00a Accept Nobel Prize</p> <p>8:30a</p> <p>9:00a</p>
<p>801</p> <p>TODO LIST</p> <p>Replace 3-2-1 with QPro</p> <p>Check on Bill's Porsche</p>	<p>802</p> <p>TODO LIST</p> <p>Replace 3-2-1 with QPro</p> <p>Check on Bill's Porsche</p>
<p>Recolor Palette</p> <p>Foreground</p> <p>Background</p> <p>615</p> <p>610</p> <p>620</p> <p>AE</p> <p>Pascal</p> <p>OK</p> <p>Cancel</p>	
<p>Give SDK to G. Will</p> <p>Make hotel reservation for Perrysberg</p> <p>Buy Fox for wife</p> <p>OK</p> <p>Cancel</p>	

FIG. 6

700

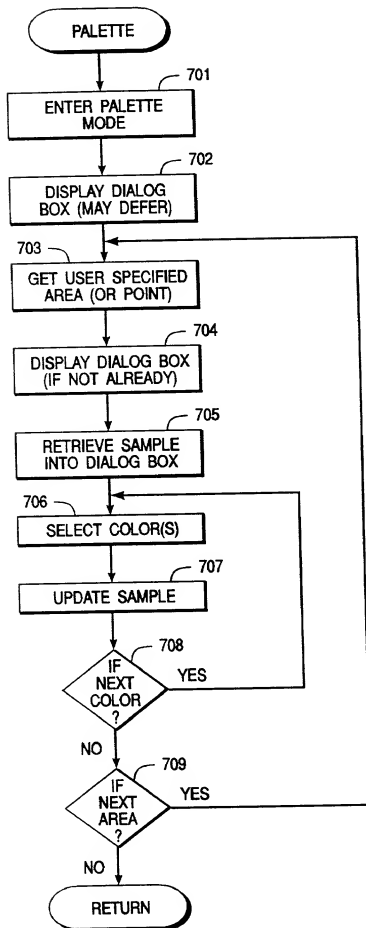


FIG. 7

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: SYSTEM AND METHODS FOR APPOINTMENT RECONCILIATION, the specification of which was filed on January 21, 1992 as Application Serial No. 823,567.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application Number	Date of Filing	Priority Claimed Under 35 USC 119
			Yes ___ No ___
			Yes ___ No ___

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing	Status
		___ Patented ___ Pending ___ Abandoned
		___ Patented ___ Pending ___ Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office in connection therewith.

John A. Smart
Reg. No. 34, 929

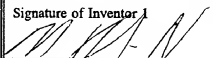
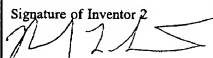
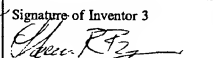
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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 	Signature of Inventor 2 	Signature of Inventor 3 
Date 03/17/92	Date 4 March 92	Date 3/17/92